## **EAST Search History**

| Ref# | Hits    | Search Query   | DBs                            | Default<br>Operator | Plurals | Time Stamp          |
|------|---------|--|--------------------------------|---------------------|---------|---------------------|
| S1   | 170783  | (audio video sound picture MPEG (moving adj pictures adj experts adj group) JPEG (joint adj photographic adj experts adj group)) same (decod \$3 decompress\$3 decrypt \$3 demodulat\$3 compress \$3 encrypt\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:49 |
| S2   | 1820863 | (writ\$3 stor\$3) same<br>(RAM (random adj access<br>adj memory) buffer<br>storage area bank class<br>pool block)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:49 |
| S3   | 2993556 | ("read out" "reading out"<br>output\$3 reproduc\$4 play<br>\$3 display\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:50 |
| S4   | 6897    | (predecod\$3 pre-decod\$3<br>"pre decode" "pre<br>decoding")   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:51 |
| S5   | 971737  | (tamper alter\$5 "false<br>alteration" modif\$7<br>authentic\$5 integrity<br>original\$3 error) same<br>(check\$3 test\$3 handl\$3<br>detect\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:51 |
| S6   | 4213    | (((chang\$3 switch\$3<br>allocat\$3) with (capacity<br>size)) same ((process\$3<br>reproduc\$3) near3 (time<br>duration length)))  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:51 |
| S7   | 4650    | (estimate near10 (process<br>\$3 reproduc\$4 decod\$3<br>decrypt\$3 decompress\$3)<br>near3 time)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:52 |
| S8   | 125259  | S1 and S2  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:53 |
| S9   | 121972  | S8 and S3  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:53 |
| S10  | 623     | S9 and S4  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:54 |
| S11  | 335     | S10 and S5   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/08/14<br>07:55 |

| S12 | 3     | S11 and S6            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>07:55 |
|-----|-------|-----------------------|--------------------------------|----|----|---------------------|
| S13 | 51    | S11 and S7            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>07:59 |
| S14 | 52911 | S9 and S5             | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:00 |
| S15 | 424   | S14 and S7            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:04 |
| S16 | 1692  | 713/189.cds.          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:04 |
| S17 | 456   | 386/33,39,40.ccls.    | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:04 |
| S18 | 15795 | "726".clas.           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:04 |
| S19 | 2     | S15 and (S16 S17 S18) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:05 |
| S20 | 1349  | S14 and (S16 S17 S18) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:06 |
| S21 | 2497  | S1 and (S16 S17 S18)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:07 |
| S22 | 2119  | S9 and (S16 S17 S18)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:07 |
| S23 | 1     | S10 and (S16 S17 S18) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:07 |
| S24 | 292   | S2 and (S17)          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:10 |
| S25 | 1     | S6 and (S17)          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:15 |
| S26 | 8     | S6 and (S18)          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:16 |
| S27 | 671   | S6 and S1             | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:17 |
| S28 | 53    | S27 and "370".clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ÖN | 2008/08/14<br>08:22 |

| S29         | 1628    | (audio video picture<br>image) near3 decod\$3<br>near3 software  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:36 |
|-------------|---------|--|--------------------------------|----|----|---------------------|
| S30         | 43      | S29 and (written near5 stored)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/14<br>08:36 |
| S31         | 99272   | (audio video sound picture MPEG (moving adj pictures adj experts adj group) JPEG (joint adj photographic adj experts adj group)) same (decod \$3 decompress\$3 decrypt \$3 demodulat\$3 compress \$3 encrypt\$3) | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:32 |
| S32         | 1613860 | (writ\$3 stor\$3) same<br>(RAM (random adj access<br>adj memory) buffer<br>storage area bank class<br>pool block)  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:32 |
| S33         | 4405508 | "read out" "reading out"<br>output\$3 reproduc\$4 play<br>\$3 display\$3   | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:33 |
| S34         | 1170    | predecod\$3 pre-decod\$3<br>"pre decode" "pre<br>decoding"   | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:34 |
| <b>S</b> 35 | 265335  | (tamper alter\$5 "false<br>alteration" modif\$7<br>authentic\$5 integrity<br>original\$3 error) same<br>(check\$3 test\$3 handl\$3<br>detect\$3)   | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:34 |
| S36         | 601     | (((chang\$3 switch\$3<br>allocat\$3) with (capacity<br>size)) same ((process\$3<br>reproduc\$3) near3 (time<br>duration length)))  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:34 |
| S37         | 955     | (estimate near10 (process<br>\$3 reproduc\$4 decod\$3<br>decrypt\$3 decompress\$3)<br>near3 time)  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:34 |
| S38         | 12390   | S31 and S32 and S33  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:35 |
| S39         | 410     | S38 and S35  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:35 |
| S40         | 0       | S39 and S36  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:35 |
| S41         | 0       | S39 and S37  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:36 |
| S42         | 6       | S38 and S34  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:37 |

| S43 | 410     | S38 and S35  | EPO; JPO;                      | OR | ON | 2008/08/15          |
|-----|---------|--|--------------------------------|----|----|---------------------|
|     |         |  | DERWENT                        |    |    | 14:42               |
| S44 | 5       | S38 and S36  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:43 |
| S45 | 12390   | S31 same S32   | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:46 |
| S46 | 7207    | S45 same S33   | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:46 |
| S47 | 259     | S46 and S43  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>14:47 |
| S48 | 137     | S31 and encrypt\$3 and compress\$3 and (reproduc \$4 output\$4)  | EPO; JPO;<br>DERWENT           | OR | ON | 2008/08/15<br>15:11 |
| S49 | 171285  | (audio video sound picture MPEG (moving adj pictures adj experts adj group) JPEG (joint adj photographic adj experts adj group)) same (decod \$3 decompress\$3 decrypt \$3 demodulat\$3 compress \$3 encrypt\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S50 | 1825825 | (writ\$3 stor\$3) same<br>(RAM (random adj access<br>adj memory) buffer<br>storage area bank class<br>pool block)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S51 | 3001027 | ("read out" "reading out"<br>output\$3 reproduc\$4 play<br>\$3 display\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S52 | 974271  | (tamper alter\$5 "false<br>alteration" modif\$7<br>authentic\$5 integrity<br>original\$3 error) same<br>(check\$3 test\$3 handl\$3<br>detect\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S53 | 4675    | (estimate near10 (process<br>\$3 reproduc\$4 decod\$3<br>decrypt\$3 decompress\$3)<br>near3 time)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S54 | 125667  | S49 and S50  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S55 | 122368  | S54 and S51  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S56 | 53076   | S55 and S52  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S57 | 425     | S56 and S53  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |

| S58 | 1698 | 713/189.ccls.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
|-----|------|---|--------------------------------|----|----|---------------------|
| S59 | 458  | 386/33,39,40.cds.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S60 | 1    | S57 and (S58 S59<br>726/22,25,26,30.ccls.)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:11 |
| S61 | 693  | S56 and (S58 S59<br>726/22,25,26,30.ccls.)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:13 |
| S62 | 1374 | S49 and (S58 S59<br>726/22,25,26,30.ccls.)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:14 |
| S63 | 1137 | \$55 and (\$58 \$59<br>726/22,25,26,30.ccls.)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:14 |
| S64 | 6910 | (predecod\$3 pre-decod\$3<br>"pre decode" "pre<br>decoding")  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:15 |
| S65 | 623  | S55 and S64   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:15 |
| S66 | 1    | \$65 and (\$58 \$59 726/22,25,26,30.cds.)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:15 |
| S67 | 4233 | (((chang\$3 switch\$3<br>allocat\$3) with (capacity<br>size)) same ((process\$3<br>reproduc\$3) near3 (time<br>duration length))) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:15 |
| S68 | 2    | \$67 and (726/22,25,26,30. ccls.)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:15 |
| S69 | 678  | S67 and S49   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:16 |
| S70 | 0    | S69 and 370/464.ccls.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:16 |
| S71 | 678  | S67 and S49   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:17 |
| S72 | 0    | S71 and (370/464.ccls.)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/08/26<br>09:17 |
| S73 | 6713 | (adjust\$3 varies vary\$3)<br>near6 (buffer storage)<br>near3 (size capacity)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/03/16<br>12:23 |

| S74 |    | S73 same ((duration period length long time) near6 (reproduc\$4 output \$4 playback)) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/03/16<br>12:23 |
|-----|----|---|--------------------------------|----|----|---------------------|
| S75 | 61 | S74 and @ad<"20040407"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/03/16<br>12:23 |

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